Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 24 Mar 2023 until 23:59 on Saturday 25 Mar 2023

Forecast Issued on Friday 24 Mar 2023 at 00:59

Confidence: High confidence for blustery, showery conditions as we head for the weekend and feeling colder too, showers turning wintry on the summits, lower confidence on amount of showers and risk of hazards like hail and thunder. High confidence for more settled and dry conditions later on Sunday and early next week.

Headline for Friday 24 Mar 2023: Blustery showers, some bright spells too, strong southwesterly winds, summit gales.

Mountain weather hazards on Friday 24 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers	Cloudy	Heavy rain showers	Cloudy	Cloudy	Cloudy
Precipitation probability					
20%	20%	30%	30%	30%	30%

Forecast for Friday 24 Mar 2023

Weather: Cloudy with showers overnight, some showers may be of hail and a rumble of thunder is possible. Strong winds will enhance the chill effect. During the day there will be some bright or sunny spells and scattered showers, the odd one heavy and thundery. Showers tending to move through quite quickly in the blustery winds.

Chance of cloud-free hill tops above 600m: 80%, some low cloud shrouding western hill tops at times as showers cluster together.

Low cloud and visibility: Patches or scattered cloud above 500m are likely at times, especially towards western hills in any heavier showers. Cloud should clear relatively quickly after showers with good visibility outwith showers, turning moderate or poor in heavier showers and sleet.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Friday 24 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	30/39 SW	31/41 SW	29/39 SW	27/38 SW	27/38 SW	28/39 SW	28/40 SW
300	21/30 SW	23/33 SW	22/33 SW	21/30 SW	20/30 SW	21/33 SW	21/32 SW
Valley	11/28 SW	15/30 SW	16/31 SW	15/30 SW	14/29 SW	15/31 SW	14/30 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-4	4/-3	6/0	6/0	5/-1	4/-3	3/-4
300	5/-0	6/1	9/5	8/4	8/3	6/1	6/0
Valley	6/2	7/3	10/6	10/7	8/5	7/3	6/2
Freezing Level*	1000m	1000m	1100m	1200m	1100m	1100m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusty winds in showers with the odd gust of 50mph on the tops. Note lowering freezing level but remaining above all summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 23 Mar 2023	3.2mm	8.2mm	17.2mm

Forecast for Saturday 25 Mar 2023

Weather: Further blustery showers, with hail and the chance of a thunderstorm, showers frequent in the morning becoming more scattered later. Some brighter spells, moreso in the afternoon and with winds easing it will feel pleasant outwith showers. A significant windchill in the morning in the strong winds and showery conditions.

Maximum wind: Westerly 25 gusts 40mph easing to 10-15mph by early evening.

Chance of cloud-free hill tops above 600m: 70%, cloud associated with frequent morning showers clustering together at times.

Low cloud and visibility: Scattered or broken cloud layers forming around 600m in heavier showers or where showers group together during the morning. Cloud becoming more patchy later in the day as showers ease later. Visibility poor for a time heavier showers grouping together on the higher ground, moderate in lighter showers and mainly good outwith showers and later in the day.

Temperature: **Valleys:** Plus 5 rising to 10 Celsius.
At 600m: Plus 5 Celsius
Freezing level: Above all summits

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